REMARKS

Claims 1-11 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

SPECIFICATION

The title stands objected to for not being descriptive. Applicant has amended the title accordingly and respectfully submits that the amended title is descriptive.

REJECTION UNDER 35 U.S.C. § 102

Claims 1, 9-11 stand rejected under 35 U.S.C. § 102(b) as being anticipated by Mizutani et al. (U.S. Pub. No. 2002/0093480). This rejection is respectfully traversed.

With respect to claim 1, Mizutani fails to show, teach, or suggest a data driver that drives data lines of the display panel and a scan driver that scans scan lines of the display panel, wherein the data driver outputs **a drive voltage corresponding to a predetermined gray scale value** to the data lines during a frame period that includes a second and subsequent frames. Instead, Mizutani is directed to an RGB display.

For anticipation to be present under 35 U.S.C §102(b), there must be no difference between the claimed invention and the reference disclosure as viewed by one skilled in the field of the invention. *Scripps Clinic & Res. Found. V. Genentech, Inc.*, 18 USPQ.2d 1001 (Fed. Cir. 1991). All of the limitations of the claim must be inherent or expressly disclosed and must be arranged as in the claim. *Constant v. Advanced Micro-Devices, Inc.*, 7 USPQ.2d 1057 (Fed. Cir. 1988). Here, Mizutani fails

to disclose the limitation of a data driver that outputs a drive voltage corresponding to **a predetermined gray scale value**.

As shown in an exemplary embodiment in FIG. 1A of the present application, a display system 10 includes a display panel 20 and a data driver 50. The data driver generates a drive voltage to drive data lines 32 of the display panel 20. More specifically, the data driver generates a drive voltage that corresponds to **a predetermined gray scale value**. (Please see Paragraph [0065]).

The Examiner relies on a source potential 11 as shown in FIG. 2 of Mizutani to disclose the claimed drive voltage. Applicant respectfully notes that the source potential 11 does not correspond to a predetermined gray scale value. Instead, the source potential 11 corresponds to an RGB value. For example, as shown in FIG. 10, the source potential 11 determines red, green, and/or blue (i.e. RGB) coloration of the display. Initially, Applicant notes that structure and corresponding functions of an RGB display driver is not analogous to a data driver associated with gray scale values. Applicant respectfully submits that claims 1, 2, 5, and 9, as well as their corresponding dependent claims, should be allowable for at least the above reasons.

Further, Applicant notes that claim 1 recites outputting a drive voltage corresponding to a predetermined gray scale value to the data lines during a frame period that includes a second and subsequent frames, the second frame being the next frame after a first frame where a display stopping signal is input. In other words, i) a display stopping signal is input to a first frame, and ii) the drive voltage corresponding to the predetermined gray scale value is still written to the next (second) frame despite the display stopping signal.

As shown in an exemplary embodiment in FIG. 4 of the present application, the display stopping signal is input during the first frame. In a frame period including the second frame (immediately after the first frame), the display control signal continues to write grey scale data (e.g. OFF data). In other words, the data lines still receive a voltage corresponding to a predetermined gray scale value despite the received display stopping signal.

In contrast, Mizutani appears to be absent of any teaching or suggestion of outputting a drive voltage to the data lines in a second frame after a display stopping signal is received. For example, the Examiner relies on reset signal 102 to disclose the display stopping signal as shown in FIG. 9. As best understood by Applicant, no drive voltage appears to be applied to the data lines during a frame F_{12} after the reset signal 102 is applied in preceding frame F_{11}. As such, Applicant respectfully submits that Mizutani fails to show, teach, or suggest outputting a drive voltage corresponding to a predetermined gray scale value to the data lines during second frame after a first frame where a display stopping signal is input.

Applicant respectfully submits that claims 1, 2, 5, and 9, as well as their corresponding dependent claims, should be allowable for at least the above reasons.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office

Action and the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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